

Amendments to the Claims:

1. (currently amended). A reactive polyurethane hot melt adhesive composition comprising a urethane diol and a polyisocyanate and optionally comprising one or more of the group consisting of (meth)acrylic polymers and tackifying resins.
2. (original). The adhesive composition of claim 1, further comprising a polyether polyol.
3. (original). The adhesive composition of claim 1, further comprising a polyester polyol.
4. (cancelled).
5. (original). The adhesive composition of claim 1, further comprising a thermoplastic polymer.
6. (cancelled).
7. (currently amended). An adhesive composition according to claim 1, wherein the adhesive comprises a urethane diol at a concentration of 0.1-50% (w/w) parts by weight.
8. (currently amended). An adhesive composition according to claim 7, wherein the adhesive comprises a urethane diol at a concentration of 2.5-25% (w/w) parts by weight.
9. (currently amended). An adhesive composition according to claim 1, characterized in that the urethane diol is the reaction product of a cyclic carbonate and a compound containing an amino group and a further group selected from the group consisting of amino and hydroxy.

10. (currently amended). An adhesive composition according to claim 9 characterized in that the compound containing an amino group and a further group is selected from the group of compounds comprising consisting of diamines, alkanolamines and amine terminated polyamides.
11. (currently amended). An adhesive composition according to claim 10 characterised in that the compound containing an amino group and a further group is selected from the group of compounds comprising consisting of ethylene diamine, 1,4 butane diamine, 1,6 hexane diamine, 2 methyl 1,5 pentane diamine, 2,2,4 trimethyl-1,6 hexane diamine, 2,4,4 trimethyl-1,6 hexane diamine, polyoxypropylene diamines, ethanolamine and propanolamine .
12. (currently amended). An adhesive composition according to 9 characterised in that the cyclic carbonate is selected from the group comprising consisting of glycerol carbonate, ethylene carbonate, propylene carbonate and butylene carbonate.
13. (original). An adhesive composition according to claim 1 characterised in that the urethane diol is made separately and added to the adhesive composition.
14. (original). An adhesive composition according to claim 1 characterised in that the urethane diol is made in-situ during the preparation of the adhesive composition.
15. (cancelled).
16. (cancelled).
17. (cancelled).
18. (original). A method of bonding materials together which comprises applying the reactive hot

melt adhesive composition according to claim 1 in a liquid form to a first substrate, bringing a second substrate in contact with the composition applied to the first substrate, and subjecting the compositions to conditions which will allow the compositions to cool and cure to an irreversible solid form, the conditions comprising moisture.

19. (original). An article of manufacture comprising the adhesive composition according to claim

1.

20. (new). The method of claim 18, further comprising using a reactive hot melt adhesive having an application temperature less than 100°C.

21. (new). The adhesive composition of claim 1, wherein the composition has a melt viscosity suitable to enable application of the composition at temperatures below 100°C.